

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L58   | 1    | ("5463212").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/08/28<br>13:35 |
| L59   | 1    | ("5502311").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/08/28<br>14:20 |
| L60   | 0    | ("glasssubstrateandchromeanddepositandetch\$3").PN.                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/08/28<br>14:21 |
| L61   | 794  | glass substrate and chrome and deposit and etch\$3                        | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:21 |
| L62   | 94   | glass substrate and chrome and deposit and etch\$3 and slit               | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:22 |
| L63   | 80   | glass substrate and chrome and deposit and etch\$3 and slit and chemical  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:22 |
| L64   | 4092 | stainless steel and etch\$3 and slit and chemical                         | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:23 |
| L65   | 1297 | stainless steel and etch\$3 and slit and chemical and mask                | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:23 |
| L66   | 104  | stainless steel and etch\$3 and slit and chemical and mask and photodiode | US-PGPUB;<br>USPAT | ADJ              | ON      | 2009/08/28<br>14:23 |

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|-----|------|--|------------------------------|-----|-----|---------------------|
| L67 | 72   | (stainless steel and etch\$3 and slit and chemical and mask and photodiode) not assay  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/28<br>14:23 |
| L68 | 27   | (infrared and stainless steel and etch\$3 and slit and chemical and mask and photodiode) not assay                                   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/28<br>14:24 |
| S1  | 1    | ("6712273").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/01/30<br>14:54 |
| S2  | 11   | ("4833336"   "5196683"   "5278397"   "5349172"   "5528810"   "5777314"   "5974066"   "6033090"   "6062476").PN. OR ("6712273").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/30<br>14:57 |
| S3  | 1864 | (etch or etching) and bar\$code  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/30<br>15:03 |
| S4  | 1506 | (etch or etching) and bar\$code and (reader or scanner)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/30<br>15:04 |
| S5  | 225  | (etch or etching) and bar\$code and (reader or scanner) and stainless steel  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/30<br>15:04 |
| S8  | 108  | (etch or etching) and bar\$code (reader or scanner) and stainless steel  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/30<br>16:06 |
| S10 | 821  | glass and plastic and window and bar\$1code (scanner or reader)  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>10:32 |
| S11 | 12   | glass and plastic and exit window and bar\$1code (scanner or reader)   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>10:33 |

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|-----|-----|--|------------------------------|-----|-----|---------------------|
| S12 | 25  | ("4387297"   "4760248"   "4906843"   "5142131"   "5319184"   "5369262"   "5448050"   "5633489"   "5744788"   "5814804"   "5949068"   "6000619"   "6036094"   "6102293"   "6186400"   "6315204"   "6360949").PN. OR ("6578767").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/31<br>10:34 |
| S13 | 0   | slit scanner and bar\$1code  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/31<br>10:50 |
| S14 | 46  | slot scanner and bar\$1code  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/31<br>10:50 |
| S15 | 81  | (etch or etching) and bar\$code (reader or scanner) and stainless steel and (window or slot)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/31<br>11:10 |
| S16 | 81  | (etch or etching) and bar\$code (reader or scanner) and stainless steel and (window or slit)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/01/31<br>11:10 |
| S17 | 0   | ("compositeexitwindowandglassandplastic").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/01/31<br>11:30 |
| S18 | 0   | composite exit window and glass and plastic and bar\$1code   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>11:31 |
| S19 | 1   | exit window and glass and plastic and bar\$1code and composite   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>11:31 |
| S20 | 810 | window and glass and plastic and bar\$1code and composite  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>11:31 |
| S21 | 397 | window and glass and plastic and bar\$1code (scanner or reader) and composite  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/01/31<br>11:32 |

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|-----|-----|--|--------------------|-----|----|---------------------|
| S22 | 299 | window and glass and plastic and bar\$1code (scanner or reader) and composite and adhesive       | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/31<br>11:32 |
| S23 | 35  | window and glass and plastic and bar\$1code (scanner or reader) and composite and adhesive layer | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/31<br>11:33 |
| S24 | 111 | wand and metal and bar\$1code reader   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:20 |
| S26 | 22  | wand and metal and bar\$1code reader and stainless steel   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:21 |
| S27 | 318 | metal and bar\$1code reader and stainless steel  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:22 |
| S28 | 304 | metal and bar\$1code reader and stainless steel and (case or housing)                            | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:22 |
| S29 | 44  | light and pen and metal and bar\$1code reader and stainless steel and (case or housing)          | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:23 |
| S30 | 289 | light and pen and metallic and bar\$1code  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:26 |
| S31 | 62  | light and pen and metallic and bar\$1code reader   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:26 |
| S32 | 62  | light and pen and metallic and bar\$1code reader   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/02/02<br>10:26 |

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|-----|------|--|----------------------------------|-----|----|---------------------|
| S33 | 79   | ("3650581"   "4042821"   "4131485"   "4433273"   "4471218"   "4496831"   "4575625"   "4639589"   "4697084"   "4794239"   "4871904"   "4907864"   "4958064"   "4962311"   "4989948"   "4999491"   "5023440"   "5047617"   "5059779"   "5065003"   "5130520"   "5140141"   "5144120"   "5149949"   "5168149"   "5170277"   "5187612"   "5235167"   "5254858"   "5268564"   "5367151"   "5369262"   "5371347").PN. OR ("5506394").<br>URPN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/02/02<br>10:27 |
| S34 | 0    | metallic slot and bar\$code  | US-<br>PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/02/02<br>10:31 |
| S35 | 4    | metallic housing and bar\$code   | US-<br>PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/02/02<br>10:32 |
| S36 | 23   | metal housing and bar\$code  | US-<br>PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/02/02<br>10:32 |
| S37 | 422  | 235/462.14   | US-<br>PGPUB;<br>USPAT           | ADJ | ON | 2009/02/02<br>11:04 |
| S38 | 622  | 235/462.43   | US-<br>PGPUB;<br>USPAT           | ADJ | ON | 2009/02/02<br>11:05 |
| S39 | 1360 | 235/462.45   | US-<br>PGPUB;<br>USPAT           | ADJ | ON | 2009/02/02<br>11:05 |
| S40 | 198  | 235/462.49   | US-<br>PGPUB;<br>USPAT           | ADJ | ON | 2009/02/02<br>11:05 |
| S41 | 2048 | S37 OR S38 OR S39 OR S40   | US-<br>PGPUB;<br>USPAT           | ADJ | ON | 2009/02/02<br>11:06 |

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|-----|-----|---|------------------------------|-----|-----|---------------------|
| S42 | 942 | S41 and (aperture or slot or slit)  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/02/02<br>11:06 |
| S43 | 39  | S41 and (aperture or slot or slit) and (etch or etching)                                      | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/02/02<br>11:07 |
| S47 | 2   | ((("4740675") or ("5864128"))).PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/07/15<br>15:58 |
| S48 | 1   | ("5034619").PN.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/07/15<br>15:59 |
| S51 | 18  | note validator and (scan or scanner) and (bar code or barcode)                                | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/18<br>09:33 |
| S52 | 11  | money controls.as.  | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/18<br>09:43 |
| S53 | 477 | (bar code or barcode) and (narrow aperture or narrow slit or narrow window or narrow opening) | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/20<br>13:58 |
| S54 | 167 | (bar code or barcode) and narrow slit   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/20<br>14:09 |
| S55 | 1   | "20030168508"   | US-PGPUB;<br>USPAT           | ADJ | ON  | 2009/08/20<br>14:34 |
| S56 | 30  | ("4408120"   "4465926"   "4591706"   "4647768").PN. OR ("4816659").URPN.                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/20<br>14:49 |
| S58 | 1   | ("6053409").PN.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/08/20<br>15:04 |

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|-----|------|--|--------------------|-----|----|---------------------|
| S60 | 113  | (bar code or barcode) and narrow slit and (metal or metallic)  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:30 |
| S61 | 20   | (bar code or barcode) and narrow slit and (metal or metallic) and etch\$3  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:30 |
| S62 | 6    | (bar code or barcode) and narrow aperture and (metal or metallic) and etch\$3  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:32 |
| S63 | 5    | (bar code or barcode) and (metal or metallic) and etch\$3 and narrow window  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:33 |
| S64 | 38   | (bar code or barcode) and narrow opening and (metal or metallic) and etch\$3   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:34 |
| S66 | 1186 | ((bar code or barcode) with (scanner or reader)) and (slit or slot) and (metal or metallic) and etch\$3  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:40 |
| S67 | 818  | ((bar code or barcode) with (scanner or reader)) and (slit or slot) and (metal or metallic) and etch\$3 and chemical\$2                              | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:40 |
| S69 | 13   | (bar code scanner or barcode scanner or bar code reader or barcode reader) and ((slit or slot) with (metal or metallic)) and etch\$3 and chemical\$2 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:42 |
| S70 | 31   | (bar code scanner or barcode scanner or bar code reader or barcode reader) and ((slit or slot) with (metal or metallic)) and etch\$3                 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:43 |
| S71 | 18   | S70 NOT S69  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/20<br>15:43 |
| S72 | 663  | stainless steel and etch\$3 and (slit or aperture) and (bar code or barcode)   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:02 |

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|-----|-----|---|--------------------|-----|----|---------------------|
| S73 | 293 | stainless steel and etch\$3 and slit and (bar code or barcode)          | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:03 |
| S81 | 2   | steel and (etch\$3 near slit) and (bar code or barcode)                 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:07 |
| S82 | 9   | steel and (etch\$3 with slit) and (bar code or barcode)                 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:08 |
| S83 | 59  | metal and (etch\$3 with slit) and (bar code or barcode)                 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:09 |
| S84 | 66  | (etch\$3 with slit) and (bar code or barcode)                           | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:15 |
| S85 | 7   | S84 NOT S83   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:15 |
| S86 | 23  | (plate with (etch\$3 and slit)) and (bar code or barcode)               | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:23 |
| S88 | 4   | (metal plate with slit) and (bar code or barcode)                       | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:26 |
| S89 | 474 | (plate with slit) and (bar code or barcode)                             | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:38 |
| S90 | 26  | (plate with slit) and (bar code or barcode) and chemical and etch\$3    | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:39 |
| S91 | 10  | (plate with slit) and (bar code or barcode) and (chemical with etch\$3) | US-PGPUB;<br>USPAT | ADJ | ON | 2009/08/21<br>13:40 |

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|------|----|---|------------------------|-----|-----|------------------|
| S92  | 15 | (plate with slit) and (bar code or barcode) and (wet with etch\$3)  | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:41 |
| S93  | 2  | (plate with slit) and (bar code or barcode) and photo lithography   | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:42 |
| S94  | 0  | ((chemical etch\$3 or photolithography or photo lithography or wet etch\$3) with (plate and slit)) and (light with (transmit or transmission or transmitted)) and (bar code or barcode) | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:47 |
| S95  | 2  | ((chemical etch\$3 or photolithography or photo lithography or wet etch\$3) with (plate and slit)) and (light with (transmit or transmission or transmitted)) and (scanner or reader)   | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:48 |
| S96  | 18 | ((chemical etch\$3 or photolithography or photo lithography or wet etch\$3) with (plate and slit)) and (light with (transmit or transmission or transmitted))                           | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:49 |
| S97  | 7  | ((chemical etch\$3 or wet etch\$3) with (plate and slit)) and (light with (transmit or transmission or transmitted))  | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 13:52 |
| S100 | 1  | ("3812325").PN.   | US-PGPUB; USPAT        | OR  | OFF | 2009/08/21 13:57 |
| S101 | 14 | ("3225177"   "3292102"   "3426325"   "3463882"   "3510571"   "3571507"   "3622758"   "3624605"   "3674990").PN.   | US-PGPUB; USPAT; USOCR | ADJ | ON  | 2009/08/21 13:58 |
| S102 | 27 | (mask with (etch\$3 and slit)) and (bar code or barcode)  | US-PGPUB; USPAT        | ADJ | ON  | 2009/08/21 14:01 |
| S108 | 1  | ("5175420").PN.   | US-PGPUB; USPAT        | OR  | OFF | 2009/08/21 14:11 |
| S109 | 1  | ("4473746").PN.   | US-PGPUB; USPAT        | OR  | OFF | 2009/08/21 14:13 |

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|------|----|--|------------------------------|-----|-----|---------------------|
| S110 | 26 | ("2711101"   "3645626"   "3683706"   "4349741"   "4496831"   "4799164"   "4922087"   "4926033"   "4939356"   "4988851"   "5015831"   "5015832").PN. OR ("5175420").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/21<br>14:14 |
| S111 | 1  | ("4816659").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/08/21<br>14:20 |
| S112 | 30 | ("4408120"   "4465926"   "4591706"   "4647768").PN. OR ("4816659").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/21<br>14:20 |
| S113 | 25 | slotted aperture and ((bar code or barcode) with (scanner or reader))  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/21<br>14:25 |
| S114 | 1  | slotted aperture and ((bar code or barcode) with (scanner or reader)) and etch\$3  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/21<br>14:26 |
| S116 | 3  | ((("4,713,532") or ("4,093,865") or ("4,647,143"))).PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/08/21<br>14:31 |
| S117 | 3  | ("3594578"   "4006343"   "4041322").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/21<br>14:33 |
| S118 | 77 | ("4093865").URPN.  | USPAT                        | ADJ | ON  | 2009/08/21<br>14:33 |
| S119 | 1  | ("5340971").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2009/08/21<br>14:45 |
| S128 | 39 | ("3169186"   "3473027"   "3483388"   "3691350"   "3812328"   "3919447"   "3949219"   "4151667"   "4157784"   "4202491"   "4282430"   "4647766"   "4757188"   "4816659"   "4983817"   "5210411").PN. OR ("5463212").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2009/08/27<br>10:21 |

**8/ 28/ 2009 3:21:06 PM**

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